

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claims 1-4 (Canceled)

5. (Currently Amended) Apparatus for regeneration of a catalyst plant ~~carrying out the process according to one of claims 1, 3 or 4, with a catalyst plant~~ with comprising:

a SCOSOx catalyst (2) for the removal of SO₂, and arranged downstream thereof, a SCONOx catalyst (3) for the removal of NO_x, from the flue gas of a gas turbine, and also at least one supply pipe (7) for the introduction of regenerating gas, and at least one drain pipe (12) for the extraction of regenerating gas, **wherein** the supply pipe opens between the SCOSOx catalyst (2) and the SCONOx catalyst (3), and is connected to the drain pipe (12) which leaves upstream of the SCOSOx catalyst (2), and a further supply pipe (17) for the supply of fresh regenerating gas is present and opens downstream of the SCONOx catalyst (3).

6. (Currently Amended) Apparatus for regeneration of a catalyst plant ~~carrying out the process according to one of claims 1, 3 or 4, with~~ comprising:

a catalyst plant with a SCOSOx catalyst (2) for the removal of SO₂, and arranged downstream thereof, a SCONOx catalyst (3) for the removal of NO_x, from the flue gas of a gas turbine, and also at least one supply pipe (7) for the introduction of regenerating gas, and at least one drain pipe (12) for the extraction of regenerating gas, **wherein** the supply pipe opens upstream of the SCOSOx catalyst (2) and is connected to the drain pipe (12) which leaves between the SCOSOx catalyst (2) and the SCONOx catalyst (3), and a further supply pipe (17) for the supply of fresh regenerating gas is present and opens downstream of the SCONOx catalyst (3).

7. (Currently Amended) Apparatus for regeneration of a catalyst plant ~~carrying out the process according to one of claims 2-4, with~~ comprising:

a catalyst plant with a SCOSOx catalyst (2) for the removal of SO₂, and arranged downstream thereof, a SCONOx catalyst (3) for the removal of NO_x, from the flue gas of a gas turbine, and also with at least one supply pipe (7) for the introduction of regenerating gas, and at least one drain pipe (12) for the extraction of regenerating gas, leaving upstream of the SCOSOx catalyst (2), **wherein** the supply pipe (7) opens between the SCOSOx catalyst (2) and the SCONOx catalyst (3), and is connected to a further drain pipe (23) arranged downstream of the SCONOx catalyst (3).

8. (Currently Amended) Apparatus according to ~~one of claims 5-7~~ claim 5, wherein a supply pipe ~~(9; 19)~~ for the addition of molecular hydrogen or hydrocarbon opens into at least one supply pipe ~~(7; 17)~~.

9. (Currently Amended) Apparatus according to claim 8, wherein a steam reforming catalyst ~~(10; 20)~~ is situated between the opening of the supply pipe ~~(9; 19)~~ into the supply pipe ~~(7; 17)~~ and the opening of the supply pipe ~~(7; 17)~~.

10. (Currently Amended) Apparatus according to ~~one of claims 5-9~~ claim 5, wherein a purge duct ~~(22)~~ for the supply or removal of a cleaning gas opens into at least one supply pipe ~~(17)~~ or drain pipe ~~(23)~~.

11. (Currently Amended) Apparatus according to ~~one of claims 5-10~~ claim 5, wherein at least one drain pipe ~~(12; 23)~~ is connected to a hydrogen monitor and to an oxygen monitor.

12. (New) Apparatus according to claim 5, further comprising a purge duct for the supply or removal of a cleaning gas, the purge duct opening into the drain pipe.

13. (New) Apparatus according to claim 5, wherein the at least one drain pipe is connected to a hydrogen monitor and to an oxygen monitor.

14. (New) Apparatus according to claim 6, wherein a supply pipe for the addition of molecular hydrogen or hydrocarbon opens into at least one supply pipe.

15. (New) Apparatus according to claim 14, wherein a steam reforming catalyst is situated between the opening of the supply pipe into the supply pipe and the opening of the supply pipe.

16. (New) Apparatus according to claim 6, wherein a purge duct for the supply or removal of a cleaning gas opens into at least one supply pipe or drain pipe.

17. (New) Apparatus according to claim 6, wherein at least one drain pipe is connected to a hydrogen monitor and to an oxygen monitor.

18. (New) Apparatus according to claim 6, further comprising a purge duct for the supply or removal of a cleaning gas, the purge duct opening into the drain pipe.

19. (New) Apparatus according to claim 6, wherein the at least one drain pipe is connected to a hydrogen monitor and to an oxygen monitor.

20. (New) Apparatus according to claim 7, wherein a supply pipe for the addition of molecular hydrogen or hydrocarbon opens into at least one supply pipe.

21. (New) Apparatus according to claim 20, wherein a steam reforming catalyst is situated between the opening of the supply pipe into the supply pipe and the opening of the supply pipe.

22. (New) Apparatus according to claim 7, wherein a purge duct for the supply or removal of a cleaning gas opens into at least one supply pipe or drain pipe.

23. (New) Apparatus according to claim 7, wherein at least one drain pipe is connected to a hydrogen monitor and to an oxygen monitor.

24. (New) Apparatus according to claim 7, further comprising a purge duct for the supply or removal of a cleaning gas, the purge duct opening into the drain pipe.

25. (New) Apparatus according to claim 7, wherein the at least one drain pipe is connected to a hydrogen monitor and to an oxygen monitor.

26. (New) An apparatus for regenerating catalyst in a catalyst plant, the apparatus comprising:

a catalyst plant comprising a SCOSO_x catalyst for the removal of SO₂ and at least one SCONO_x catalyst for the removal of NO_x, the SCOSO_x catalyst upstream of the at least one SCONO_x catalyst,

a first supply pipe in fluid communication with the catalyst plant at a first introduction point downstream of the at least one SCONOx catalyst to introduce a regeneration gas into the catalyst plant;

at least one drain pipe in fluid communication with the catalyst plant at a first extraction point upstream of the SCOSOx catalyst or between the SCOSOx catalyst and the at least one SCONOx catalyst; and

a second supply pipe in fluid communication with the catalyst plant at a second introduction point separated from the at least one drain pipe by the SCOSOx catalyst.